

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: 11/24/97

Date Received: 11/20/97

Project: % of Acid & S.G., PO #M59167

Date Analyzed: 11/20/97

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR SPECIFIC GRAVITY
@ 15.56 °C**

Sample ID

Specific Gravity

M59167A Large Tank

1.26

M59167B Small Tank

1.18

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**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR % ACID**

Results Reported as Percent Acid by Volume

<u>Sample ID</u>	<u>% Acid</u>
M59167A Large Tank	13
M59167B Small Tank	7.6

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QUALITY ASSURANCE RESULTS
FOR SPECIFIC GRAVITY

Laboratory Code: 711078-02 (Duplicate)

<u>Analyte:</u>	<u>Sample Result</u>	<u>Duplicate Result</u>	<u>Relative Percent Difference</u>
Specific Gravity@ 15.56°C	1.18	1.18	0

~~AR~~
KJ AI
11.20.97
11A

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Charlene Jensen, M.S.
Bradley T. Benson, B.S.
Kurt Johnson, B.S.

3012 16th Avenue West
Seattle, WA 98119-2029
TEL: (206) 285-8282
FAX: (206) 283-5044
e-mail: fbi@isomedia.com

November 24, 1997

Gerry Thompson, Project Manager
Alaskan Copper Works
628 South Hanford St.
Seattle, WA 98134

Dear Mr. Thompson:

Included are the results from the testing of material submitted on November 20, 1997 from your % of Acid & S.G., PO #M59167 project.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

A handwritten signature in black ink, appearing to read 'Kurt Johnson', with a stylized flourish at the end.

Kurt Johnson
Chemist

Enclosures
ACU1123R.DOC

FRIEDMAN & BRUYA, INC.

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November 24, 1997

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INVOICE # 97ACU1123-1

Accounts Payable
Alaskan Copper Works
628 South Hanford St.
Seattle, WA 98134

RE: Project % of Acid & S.G., PO #M59167: Results of testing requested by Gerry Thompson, Project Manager for material submitted on November 20, 1997.

2 water samples analyzed for Specific Gravity @ \$25 per sample	\$ 50.00
2 water samples analyzed for % Acid @ \$25 per sample	50.00
Rush Surcharge of 100% for 2 hour turnaround	<u>100.00</u>
Amount Due	\$ 200.00

FEDERAL TAX ID (b) (6)